

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	286	((gaming or vending or self-servi\$3) near3 machine) and (door near3 (tamper\$4 open\$4) near310 (detect4 sens\$4 alarm alert warn\$4))	US-PGPUB; USPAT	OR	ON	2006/04/06 11:29
L2	20	l1 and ((optic\$4 emitter) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock))	US-PGPUB; USPAT	OR	ON	2006/04/06 10:40
L3	20	l1 and (((optic\$4 emitter) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock)))	US-PGPUB; USPAT	OR	ON	2006/04/06 11:31
L4	248	((gaming or vending or self-servi\$3) near3 machine) and (door near3 (tamper\$4 open\$4) near10 (detect4 sens\$4 alarm alert warn\$4))	US-PGPUB; USPAT	OR	ON	2006/04/06 11:30
L5	293	((gaming or vending or self-servi\$3) near3 machine) and (door near20 (tamper\$4 open\$4) near10 (detect4 sens\$4 alarm alert warn\$4))	US-PGPUB; USPAT	OR	ON	2006/04/06 11:30
L6	1677	((gaming or vending or self-servi\$3) near3 machine) and ((door near20 (open\$4) near10 (detect4 sens\$4 alarm alert warn\$4)) tamper\$4)	US-PGPUB; USPAT	OR	ON	2006/04/06 11:30
L7	23	l6 and (((optic\$4 emitter) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock)))	US-PGPUB; USPAT	OR	ON	2006/04/06 12:41
L8	6	("4117465"   "4427975"   "4977392"   "5097253").PN. OR ("5923249").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 12:37
L9	50	((("5955854") or ("6169379") or ("6575833") or ("6773348") or ("5818025") or ("5826616") or ("5982125") or ("5696362") or ("5559500") or ("5389911") or ("5293115") or ("5422565") or ("5523559") or ("5523740") or ("5650766") or ("5750983") or ("4583082") or ("5619188") or ("5619075") or ("5620137") or ("5758899") or ("5774046") or ("5826902") or ("5833301") or ("6154149") or ("6243000") or ("4967676") or ("5546009") or ("6127671") or ("4785295") or ("4937514") or ("4990841") or ("5191970") or ("5250813") or ("5287110") or ("5326948") or ("5339607") or ("5369252") or ("5389967") or ("5396120") or ("5414269") or ("5588054") or ("5662081") or ("5675150") or ("5723855") or ("5787054") or ("5793492") or ("5870637") or ("5953116") or ("5977533")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:37
L10	359	((door near20 (open\$4) near10 (detect4 sens\$4 alarm alert warn\$4)) tamper\$4) and (((optic\$4 emitter) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock)))	US-PGPUB; USPAT	OR	ON	2006/04/06 13:00
L11	4	l9 and (((optic\$4 emitter) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock)))	US-PGPUB; USPAT	OR	ON	2006/04/06 12:45
L12	108	l10 and "340"/\$.ccis.	US-PGPUB; USPAT	OR	ON	2006/04/06 12:46
L13	199	((door near20 (open\$4) near10 (detect4 sens\$4 alarm alert warn\$4)) tamper\$4) and (((optic\$4 emitter ir infrared) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock))) and "340"/\$.ccis.	US-PGPUB; USPAT	OR	ON	2006/04/06 13:02
L14	25	((door near20 (open\$4) near10 (detect4 sens\$4 alarm alert warn\$4)) tamper\$4) and (((optic\$4 emitter ir infrared) near10 (sens\$4 detect\$4 receiv\$4)) same (door near10 (switch\$4 lock\$4 interlock))) and "340"/545.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/06 13:02
S1	0	340/545.ccls. and (tamper\$4 or defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:27

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S2	0	340/545.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:27
S3	82	340/545.1.ccls. and (tamper\$4 or defect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:27
S4	47	S3 and sens\$4 and (cpu or processor or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:28
S5	15	S3 and (tamper\$4 near3 (detect\$4 or sens\$4)) and (cpu or processor or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:33
S6	162	((gaming or vending) near3 machine) and (tamper\$4 near3 (detect\$4 or sens\$4)) and (cpu or processor or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 11:36
S7	8	((gaming or vending or self-servi\$3) near3 machine) and ((tamper\$4 near3 (detect\$4 or sens\$4)) with door) and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:51
S8	16	((gaming or vending or self-servi\$3) near3 machine) and ((tamper\$4 near3 (detect\$4 or sens\$4)) same door) and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 14:57
S9	16	((gaming or vending or self-servi\$3) near3 machine) and (((tamper\$4 near3 (detect\$4 or sens\$4)) same door)) and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 13:38
S10	1	("3659549").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 13:39
S11	10	((("4583082") or ("4795155") or ("5224707") or ("6420972") or ("6556450")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/26 10:47
S12	2	((gaming or vending or self-servi\$3) near3 machine) and (tamper\$4 near3 (detect\$4 or sens\$4)) and door.ti. and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:08
S13	6	((gaming or vending or self-servi\$3) near3 machine).ti. and ((tamper\$4 near3 (detect\$4 or sens\$4)) same door) and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:01

## EAST Search History

S14	5	S11 and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:02
S15	0	S14 and (invert\$5 near3 signal\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:05
S16	0	S14 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:05
S17	2	((gaming or vending or self-servi\$3) near3 machine) and (tamper\$4 near3 (detect\$4 or sens\$4)) and door.ti. and (cpu or processor or control\$4) and (emit\$4 or transmit\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:09
S18	1508	((gaming or vending or self-servi\$3) near3 machine) and door.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:12
S19	17	S18 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:10
S20	2	S19 and invert\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:09
S21	33	((gaming or vending or self-servi\$3) near3 (machine or system)).ti. and door and emit\$4 and sens\$5 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:15
S22	7	S21 and (invert\$5 near3 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:15
S23	11	("3713142"   "4583082"   "5534849"   "5643086"   "5761647"   "5912619"   "5923249"   "6104815"   "6106396"   "6149522"   "6575833").PN. OR ("6773348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:26
S24	7	S23 and invert\$5	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 16:26
S25	10	((("4583082") or ("4795155") or ("5224707") or ("6420972") or ("6556450")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 17:39
S26	3	S25 and invert\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/20 16:32

## EAST Search History

S27	10	((("4583082") or ("4795155") or ("5224707") or ("6420972") or ("6556450"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/22 17:43
S28	0	S27 and relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:39
S29	1658	((gaming or vending or self-servi\$3) near3 machine) and ((cpu or processor or control\$4) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:52
S30	1203	((gaming or vending or self-servi\$3) near3 machine) and ((cpu or processor or control\$4) with relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:56
S31	485	((gaming or vending or self-servi\$3) near3 machine) same((cpu or processor or control\$4) with relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:55
S32	5	S31 and emitter and sensor and controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:54
S33	28	S31 and "340"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/22 17:55
S34	55	((gaming or vending or self-servi\$3) near3 machine) and ((cpu or processor or control\$4) same (relay near10 door))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 11:31
S35	902	((gaming or vending or self-servi\$3) near3 machine) and ((cpu or processor or control\$4n or mechanism) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:09
S36	336	S35 and (mechanism near15 relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 11:35
S37	26	S36 and ((emitter or sensor) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 11:37
S38	77	S36 and ((door) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:08

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S39	224	S35 and ((door) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 11:41
S40	103	S39 and ((gaming or vending or self-servi\$3) near3 machine).ti, ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 13:55
S41	46	S39 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:09
S42	22	S40 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 13:55
S43	377	S35 and ((gaming or vending or self-servi\$3) near3 machine).ti, ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 13:55
S44	81	S43 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 13:56
S45	377	((gaming or vending or self-servi\$3) near3 machine).ti,ab. and ((cpu or processor or control\$4n or mechanism) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:07
S46	164	((gaming or vending or self-servi\$3) near3 machine).ti,ab. and ((door) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:17
S47	131	S46 and (cpu or processor or control\$4n or mechanism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:34
S48	29	S47 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:13
S49	134	S46 and (cpu or processor or control\$4n or mechanism or tamper\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:12
S50	31	S49 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:34

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S51	170	((gaming or vending or self-servi\$3) near3 machine).ti,ab,clm. and ((door) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:24
S52	29	S51 and (cpu or processor or control\$4n or mechanism) and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:18
S53	27	S50 and (visual or indicat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:26
S54	73	S49 and (led or (light near4 diode) or light) and (visual or indicat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 14:43
S55	16	S49 and (led or (light near4 diode) or light) and (emitter or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:25
S56	361	((gaming or vending or self-servi\$3) near3 machine) and ((door) same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 10:27
S57	64	S56 and (led or (light near4 diode) or light) and (emitter or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:34
S58	2229	(led or (light near4 diode) or light) and (emitter or sensor) and (door same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:34
S59	1007	(led or (light near4 diode) or light) and ((emitter or sensor) same (door same relay))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:34
S60	199	S59 and ((cpu or processor or control\$4n or mechanism) same relay) and lock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:37
S61	58	S59 and ((door near8 detect\$4) near8 relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:39
S62	32	((door near5 detect\$4) near5 relay) same lock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:42

## EAST Search History

S63	211	((switch near5 relay) same (detect\$4 near5 door))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:43
S64	141	S63 and door.ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:43
S65	23	((((switch or lock) near relay) same (detect\$4 near5 door)) and door.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:47
S66	106	((((switch or lock) near8 relay) same (detect\$4 near5 door)) and (door or lock\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:55
S67	70	S66 and (emitter or detector or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:50
S68	3	((((switch or lock) near8 relay) same (detect\$4 near5 door)) and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 16:55
S69	11	((gaming or vending or self-servi\$3) near3 machine) and (((switch or lock) same relay) same (detect\$4 near10 door))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 17:01
S70	241	((gaming or vending or self-servi\$3) near3 machine) and (((switch or lock or door) same relay) same (emitter or detector or sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 17:06
S71	79	((gaming or vending or self-servi\$3) near3 machine) and (((lock or door) same relay) same (emitter or detector or sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 17:03
S72	18	S70 and (door or lock\$4).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/25 17:06
S73	30	((("4630042") or ("4652998") or ("4795155") or ("5432309") or ("6420972") or ("6575833") or ("6646550") or ("6773348") or ("10261149") or ("10261149") or ("20020032051") or ("20020100659") or ("20030195037") or ("20040097285") or ("20040134980") or ("20040166927") or ("20040257215")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/26 10:26
S74	5	S73 and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/26 10:26

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S75	38	((gaming or vending or self-servi\$3) near3 machine) near10 door).ti,ab. and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/26 10:31
S76	52	((gaming or vending or self-servi\$3) near3 machine) near10 (lock\$4 or door)).ti,ab. and (led or (light near4 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/26 10:32
S77	37	((gaming or vending or self-servi\$3) near3 machine) near10 (lock\$4 or door)).ti,ab. and ((led or (light near4 diode)) same (door or lock))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/26 10:48
S78	10	(("4583082") or ("4795155") or ("5224707") or ("6420972") or ("6556450")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/26 10:48
S79	3	S78 and ((led or (light near4 diode)) same (door or lock))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/26 10:48
S80	5	340/686.2.ccls. and (led same align\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 08:59
S81	43	340/686.2.ccls. and ((led or light or display or visual or alert or alarm) same align\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 09:07
S82	32	340/686.2.ccls. and ((led or (light near3 indicat\$4) or display or visual or alert or alarm) same align\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 09:12
S83	0	"53349752".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 09:12
S84	2	"5334972".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 09:12
S85	13	("3329946"   "3752978"   "4186388"   "4253083"   "4650990"   "4949075").PN. OR ("5334972").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:12
S86	3	S85 and led	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:14
S87	1	S85 and (((light near3 indicat\$4) or led) same align\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:44
S88	44	340/686.1-690.ccls. and (((light near3 indicat\$4) or led) same align\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:34



## EAST Search History

S89	1	"6239423".pn. and (((light near3 indicat\$4) or led) same align\$4) and indicator	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:49
S90	472	"340"/\$.cccls. and ((CPU or processor) near10 control\$4) same relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 09:54
S91	239	"340"/\$.cccls. and ((CPU or processor) near10 control\$4) with relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:18
S92	3	"340"/\$.cccls. and ((CPU or processor) near10 tamp\$4) with relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:20
S93	5	"340"/\$.cccls. and ((CPU or processor) near10 tamp\$4) same relay	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:20
S94	334	"340"/\$.cccls. and (tamp\$4 same relay)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:21
S95	200	"340"/\$.cccls. and (tamp\$4 same relay same (cpu or processor or control\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:22
S96	16	"340"/\$.cccls. and (tamp\$4 near8 relay near8 (cpu or processor or control\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:23
S97	28	("1499444"   "2727772"   "3753316"   "3994521"   "4031434"   "4196347"   "4207555"   "4438962"   "4637234"   "4663952"   "4900182"   "4937560"   "5027630"   "5140317"   "5141355"   "5392025"   "5467619"   "5479799"   "5575515"   "5636881"   "5712626"   "5746458"   "5813257"   "6005487"   "6068305").PN. OR ("6496101").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/28 10:41
S98	1	"20040207524".pn. and LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 13:28
S99	29	((("10261149") or ("20020100659") or ("6867685") or ("6525644") or ("6496101") or ("7006254") or ("6239423") or ("4186388") or ("20020032051") or ("20040090306") or ("6420972") or ("20040257215") or ("6575833") or ("6646550") or ("5432309") or ("20040166927") or ("4630042") or ("20030195037") or ("10261149") or ("6773348") or ("20040154363") or ("5266327") or ("5166033") or ("20040134980") or ("4652998") or ("20040097285") or ("20040021581") or ("4023139") or ("4795155"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/05 16:37
S10 0	15	S99 and switch\$4 near10 door	US-PGPUB; USPAT	OR	ON	2006/04/05 16:14
S10 1	1	("4583082").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/05 16:37